



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q78911

Shintaro WASHIZU, et al.

Appln. No.: 10/733,450

Group Art Unit: 2877

Confirmation No.: 2318

Examiner: Marissa Detschel

Filed: December 12, 2003

For: TARGET DETECTING APPARATUS, TARGET DETECTION METHOD AND  
TARGET DETECTION SUBSTRATE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby  
notify the U.S. Patent and Trademark Office of the documents listed on the attached PTO/SB/08  
A & B (modified) form.

The listed documents were cited during prosecution of co-pending applications disclosing  
related subject matter.

One copy of each of the listed documents is submitted herewith, except for U.S. patents  
and U.S Patent Application Publications.

A complete English language translation of JP 2000-004054A is also submitted.

English language WO 94/03774 corresponds to Japanese document JP 7-509565.

08/21/2006 HALLI11 00000067 10733450

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The present Information Disclosure Statement is being filed (without a Statement Under 37 C.F.R. § 1.97(e)) after the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application, and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
Mark L. Hayman  
Registration No. 51,793

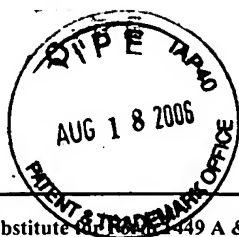
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**23373**

CUSTOMER NUMBER

Date: August 18, 2006



Substitute for Form 1449 A & B/PTO  <p style="text-align: center;"><b><u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u></b></p> <p style="text-align: center;"><i>(use as many sheets as necessary)</i></p>				<p style="text-align: center;"><i>Complete if Known</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>10/733,450</td></tr> <tr><td>Confirmation Number</td><td>2318</td></tr> <tr><td>Filing Date</td><td>December 12, 2003</td></tr> <tr><td>First Named Inventor</td><td>Shintaro WASHIZU et al</td></tr> <tr><td>Art Unit</td><td>2877</td></tr> <tr><td>Examiner Name</td><td>Marissa Detschel</td></tr> <tr><td>Attorney Docket Number</td><td>Q78911</td></tr> </table>		Application Number	10/733,450	Confirmation Number	2318	Filing Date	December 12, 2003	First Named Inventor	Shintaro WASHIZU et al	Art Unit	2877	Examiner Name	Marissa Detschel	Attorney Docket Number	Q78911
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> <i>(if known)</i>		
		US 6,087,100		07/2000	Meade et al
		US 6,699,667		3/2004	Keen, Randy E.
		US 6,306,584		10/2001	Bamdad, Cynthia C.
		US 6,096,273		8/2000	Kayyem et al
		US 6,261,152	B1	07-17-2001	Aiyer
		US 5,138,026		08/1992	Miyasaka et al
		US 5,364,851		11/1994	Joran

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	7-509565		10/19/1995	Biostar, Inc.	WO94/03774
		WO	94/03774		02/17/1994	Biostar, Inc.	In English
		JP	2000-004054A		01/07/2000	Hitachi Metals	Yes

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		CHUDINOVA, G.K., et al, "The Study of the Antigen-Antibody reaction by Fluorescence Method in LB films for Immunosensor," <i>This Solid Films</i> , 307 (1997) 294-297.	In English
		HIGUCHI et al., "Photocontrol of Molecular Orientation of a Photoresponsive Amphiphilic alpha-Helix in a Lipid Monolayer," <i>Langmuir</i> , 1997, 13, 1616-1622	In English

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.